

IN THE CLAIMS:

Please AMEND claims 1, 16, 22, 25, 39 and 40 in accordance with the following:

1. (CURRENTLY AMENDED) A computer readable multimedia data storage medium for use with a recording and/or reproducing apparatus, comprising:
 - a first layer storing multimedia data; and
 - a second layer ~~in~~ which, when the multimedia data is divided into a record unit and a reproduction unit, includes ~~of~~ on attributes of the record unit and information defining a relationship between the record unit and the reproduction unit,
wherein the information on the attributes and the information defining the relationship are
are ~~described~~ with a markup language and the recording and/or reproducing apparatus uses the
multimedia data of the first layer based on the information on the attributes and the information
defining the relationship.
2. (ORIGINAL) The medium of claim 1, wherein the multimedia data recorded on the first layer is video object data, still image data, or audio data.
3. (ORIGINAL) The medium of claim 1, wherein when the multimedia data is video object data, the multimedia data is coded at a variable bit rate (VBR), and a reproduction time and linkage information of a position of reproduction data are described as temporal and position information, where the reproduction time and the linkage information are in a table format and recorded on the first layer.
4. (ORIGINAL) The medium of claim 3, wherein the record unit comprises a clip made by linking the video object data to the temporal and position information.
5. (ORIGINAL) The medium of claim 3, wherein the reproduction unit comprises a cell designating the record unit or a portion of the record unit.
6. (ORIGINAL) The medium of claim 4, wherein the reproduction unit comprises a cell designating the record unit or a portion of the record unit.

7. (ORIGINAL) The medium of claim 1, wherein the reproduction unit has a hierarchical structure of at least two layers.

8. (ORIGINAL) The medium of claim 2, wherein the reproduction unit has a hierarchical structure of at least two layers.

9. (ORIGINAL) The medium of claim 7, wherein the reproduction unit has two layers comprising a cell, which designates the record unit or a portion of the record unit, and a chapter linked to a plurality of cells.

10. (ORIGINAL) The medium of claim 9, wherein the reproduction unit has three layers comprising a cell, which designates the record unit or a portion of the record unit,, a chapter, and a title linked to the chapter.

11. (ORIGINAL) The medium of claim 1, wherein the information described using the markup language comprises a clip, a cell, a chapter, and a title.

12. (ORIGINAL) The medium of claim 10, wherein the information described using the markup language comprises a clip, the cell, the chapter, and the title.

13. (ORIGINAL) The medium of claim 1, further comprising:
a third layer storing navigation data, which is used to control a selection of the reproduction unit and reproduction sequence.

14. (ORIGINAL) The medium of claim 9, further comprising:
a third layer storing navigation data, which is used to control a selection of the reproduction unit and reproduction sequence.

15. (ORIGINAL) The medium of claim 10, further comprising:
a third layer storing navigation data, which is used to control a selection of the reproduction unit and reproduction sequence.

16. (CURRENTLY AMENDED) A computer readable multimedia data storage

medium for use with a recording and/or reproducing apparatus, comprising:

a first layer storing multimedia data;

a second layer ~~in~~ which, when the multimedia data is divided into a record unit and a reproduction unit, includes information of on attributes of the record unit and information defining a relationship between the record unit and the reproduction unit, the information on the attributes and the information defining the relationship being ~~are~~ described in a table format, and the recording and/or reproducing apparatus uses the multimedia data of the first layer based upon the information on the attributes and the information defining the relationship; and

a third layer storing navigation data of a selection of the reproduction unit and reproduction sequence which the recording and/or reproducing apparatus uses to use the multimedia data of the first layer.

17. (ORIGINAL) The medium of claim 16, wherein the navigation data stored in the third layer is a script language that is interpreted and executed in units of lines, and controls the selection of the reproduction unit and the reproduction sequence.

18. (ORIGINAL) The medium of claim 16, wherein the navigation data stored in the third layer is a markup language with timing and synchronization functions, and controls the selection of the reproduction unit and the reproduction sequence.

19. (ORIGINAL) The medium of claim 18, wherein presentation data is described with a markup language and stored in the third layer, and comprises information of a layout of a menu screen and a screen structure of the reproduction unit.

20. (ORIGINAL) The medium of claim 18, wherein the navigation data is an interface to select and control the reproduction unit recorded on the second layer.

21. (ORIGINAL) The medium of claim 18, wherein the navigation data comprises information of registration and execution of an event generating specific conditions when the reproduction unit is reproduced.

22. (CURRENTLY AMENDED) A multimedia reproduction apparatus reproducing data stored in a multimedia data storage medium, comprising a first layer storing multimedia

data, and a second layer describing information of attributes of a record unit of the multimedia data and information defining a relationship between the record unit and a reproduction unit of the multimedia data using a markup language, wherein when the multimedia data is divided into the record unit and the reproduction unit, the information of the record unit and the reproduction unit is read from the second layer, a desired position of the data selected by a user[[,]] is detected that corresponds to the record unit, and the data is reproduced at the detected position.

23. (ORIGINAL) The apparatus of claim 22, wherein a menu screen is provided to select the reproduction unit and to reproduce the data of the selected reproduction unit, when the data of the selected reproduction unit is stored by at least two layers.

24. (ORIGINAL) The apparatus of claim 22, wherein navigation information of the selection of the reproduction unit and reproduction sequence is stored on a third layer, and the data of the selected reproduction unit is reproduced based on the navigation information.

25. (CURRENTLY AMENDED) A multimedia reproduction apparatus reproducing data stored in a multimedia data storage medium, comprising a first layer storing multimedia data, a second layer describing information ~~of~~on attributes of a record unit of the multimedia data and information defining a relationship between the record unit and a reproduction unit of the multimedia data are stored in a table format when the multimedia data is divided into the record unit and the reproduction unit, and a third layer comprising navigation information of a selection of the reproduction unit and a reproduction sequence, wherein a reproduction of the reproduction unit is based on the navigation information and a user selection.

26. (ORIGINAL) The apparatus of claim 25, wherein when the navigation information recorded on the third layer is described using a script language that is interpreted and executed in units of lines, a navigation is performed by executing the script language, where the navigation information controls a selection of the reproduction unit and the reproduction sequence.

27. (ORIGINAL) The apparatus of claim 25, wherein when the navigation information recorded on the third layer is described using a markup language with timing and synchronization functions, a navigation is performed to carry out the timing and synchronization

functions and the navigation information controls a selection of the reproduction unit and the reproduction sequence.

28. (ORIGINAL) The apparatus of claim 25, wherein when the storage medium comprises presentation data described using a markup language, the presentation data is read from the storage medium and output in a form of a menu screen representing a user interface.

29-38. (CANCELED)

39. (CURRENTLY AMENDED) A computer readable multimedia data storage medium for use with a recording and/or reproducing apparatus, comprising:

a first layer storing multimedia data;

a second layer storing information for reproduction units of the multimedia data as additional information for the multimedia data which, when the multimedia data is divided into a record unit and the reproduction units, includes information on attributes of the multimedia data and information defining a relationship between the record and the reproduction units, and the recording and/or reproducing apparatus uses the multimedia data of the first layer based upon the information on the attributes and the information defining the relationship; and

a third layer storing navigation data of a selection of the reproduction units and a reproduction sequence which the recording and/or reproducing apparatus uses to use the multimedia data of the first layer,

wherein each layer is stored separately on the multimedia data storage medium according to control of the recording and/or reproducing apparatus.

40. (CURRENTLY AMENDED) A multimedia reproduction apparatus reproducing data stored on a multimedia data storage medium comprising a first layer storing multimedia data, a second layer storing information for reproduction units of the multimedia data as additional information for the multimedia data and which, when the multimedia data is divided into a record unit and the reproduction units, includes information on attributes of the multimedia data and information defining a relationship between the record and the reproduction units, and a third layer storing navigation data of a selection of the reproduction units and a reproduction sequence, comprising:

a controller selecting the reproduction units to be reproduced based on the navigation

data stored on the third layer, detecting a position of the multimedia data based on the information for the selected reproduction units among the information for the reproduction units stored on the second layer, and reproducing the detected multimedia data on the first layer.

41. (CANCELED)